

Senior High Division
(9th - 12th Grades)
Regional Hippology Contest – 2010
Written Exam

NAME: _____

COUNTY: _____

(Write correct LETTER on answer sheet)

Multiple Choice:

1. Name the facial marking characterized by a totally white face and muzzle?
 - A. Blaze
 - B. Bald Face
 - C. Star, Strip and Snip
 - D. Stripe

2. At about what age does Galvayne's Groove completely vanish?
 - A. 5 years
 - B. 10 years
 - C. 20 years
 - D. 30 years

3. A pus pocket or an infection of the sensitive structures of the horse's hoof is called what?
 - A. Abscess
 - B. Corn
 - C. Splint
 - D. White line disease

4. How many pounds of hay per day should be fed to the average, 1,000 pound, mature horse if the recommendation is 1.5% of body weight?
 - A. 5 pounds
 - B. 10 pounds
 - C. 15 pounds
 - D. 20 pounds

5. The large rounded piece of leather, on an English saddle that separates the rider's lower leg from the horse's body is called what?
 - A. Cantle
 - B. Pommel
 - C. Skirt
 - D. Saddle flap

6. Which of the following is a common calcium source added to feed?
 - A. Molasses
 - B. Limestone
 - C. Trace mineral salt
 - D. None of the above

7. There is no effective treatment or vaccination for which equine disease?
 - A. Equine Encephalomyelitis
 - B. Equine Infectious Anemia
 - C. Equine Influenza
 - D. Equine Tetanus

8. What is recommended as the best and safest wire for horse fences?
 - A. Barbed wire
 - B. High tensile wire
 - C. Stock panel wire
 - D. V-mesh wire

9. What cells function in the immune system to defend against foreign cells and bacteria?
 - A. White blood cells
 - B. Red blood cells
 - C. Platelets
 - D. Hemoglobin

10. What part of the mare's reproductive tract is kidney bean-shaped and varies in size and texture between breeding and non-breeding seasons?
 - A. Infundibulum
 - B. Oviduct
 - C. Ovary
 - D. Uterine horn

11. Approximately what percentage of Arabian horses in the United States carry the gene for combined immunodeficiency (CID)?
 - A. 10%
 - B. 25%
 - C. 50%
 - D. 100%

12. Which of the following is NOT a natural aid used in training horses?
 - A. Hands
 - B. Weight
 - C. Legs
 - D. Sight

13. In reining competition, each horse starts with a score of what?
- A. 50
 - B. 70
 - C. 100
 - D. Zero
14. When viewing a horse from the side, what structural fault can be described as the knees being in front of the vertical?
- A. Buck-kneed
 - B. Calf-kneed
 - C. Coon-footed
 - D. Pigeon-toed
15. What is the name of the vertical crack on the side of the hoof?
- A. Bulb crack
 - B. Heel crack
 - C. Quarter crack
 - D. Toe Crack
16. What internal parasite causes severe irritation around the tail area?
- A. Bots
 - B. Pinworms
 - C. Roundworms
 - D. Threadworms
17. Protein in the grain based diet is broken down into what basic elements and absorbed?
- A. Sugar
 - B. Glycogen
 - C. Phosphoric acids
 - D. Amino acids
18. What is the common name for infection with *Streptococcus equi*?
- A. Strangles
 - B. Potomac Horse Fever
 - C. Influenza
 - D. Tetanus
19. How far from drinking water wells should manure storage be located?
- A. 25 ft.
 - B. 50 ft.
 - C. 75 ft.
 - D. 100 ft.

20. What is the common term for chronic obstructive pulmonary disease?
- A. Coughing
 - B. Heaves
 - C. Roaring
 - D. Stroke
21. How many hours, prior to the end of estrus, does ovulation occur?
- A. 8 to 10 hours
 - B. 12 to 20 hours
 - C. 24 to 48 hours
 - D. 60 to 72 hours
22. In genetic shorthand, which of the following indicates a male?
- A. XY
 - B. XX
 - C. XZ
 - D. YZ
23. What equine event is known as “gymnastics on horseback”?
- A. Reining
 - B. Dressage
 - C. Vaulting
 - D. Polo
24. What part of the horse’s back acts as the pivot point?
- A. Withers
 - B. Croup
 - C. Loin
 - D. Crest
25. Large, heavy-bodied horses are usually predisposed to what condition?
- A. Navicular disease
 - B. Sidebone
 - C. Corns
 - D. Splints

True or False:

(Write True or False on the answer sheet)

26. Two doses of the vaccine should be given to a horse receiving the West Nile Virus vaccination for the first time.
27. Lameness is usually the most pronounced at the canter.
28. In usual genetic shorthand, recessive genes are expressed in capital letters.
29. Detection on heat (estrus) is absolutely essential to the efficiency of any horse breeding program.
30. Width and depth from stifle to stifle indicates capacity for reproduction and athletic performance.
31. Horses' hooves should be trimmed or re-shod every four to six weeks to keep the foot in balance.
32. Applying a heart-bar shoe and/or reversing a regular shoe on the hoof can be a way to treat laminitis.
33. Split ear and slip ear are two types of English-style headstalls.
34. During high ambient temperatures, the cremaster muscles relax to move the stallion's testes away from the body.
35. When you breed a stallion to a donkey jennet, the offspring is called a hinny.
36. Mature horse's hooves grow at a higher rate than a foal's hooves.
37. An increase in the diameter of individual muscle fibers is called muscle hypertrophy.
38. In horse training, the two categories of stimuli are called conditioned and unconditioned.
39. Wheat straw is the bedding of choice for foaling stalls.
40. Horses should be vaccinated once a year to prevent Equine Infectious Anemia.

Matching: (*PRINT the LETTER of your answer in capital letters on the answer sheet.*)

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| 41. Aspirin | A. Age |
| 42. Parotid gland | B. Cantharidin |
| 43. Genes | C. Heart girth |
| 44. Tennessee Walking Horse | D. New York City |
| 45. Cups | E. Anticoagulation |
| 46. Cushing's Syndrome | F. Zinc |
| 47. Hoof Wall | G. Saliva |
| 48. West Nile Virus | H. Allen F-1 |
| 49. Blister beetles | I. Chromosomes |
| 50. Weight tape | J. Pituitary tumor |